



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

## INDEX TO GENERA.

---

Abies.....	159	Baculites.....	224
Acanthinula.....	55	Balæna.....	89
Acanthocystis.....	166	Bascanion.....	97
Acavus.....	58	Bathybius.....	14
Acer.....	138, 218	Boa.....	65
Aceratherium.....	147	Borus.....	58
Achænodon.....	116	Bos.....	18
Achlya.....	160	Bothrops.....	67
Acronycta.....	197	Bradypus.....	95
Actinophrys.....	13, 23, 116	Bromus.....	153, 163
Actinosphaerium.....	166	Brontotherium.....	165
Adapis.....	116	Bubonias.....	124
Aeolosoma.....	75	Bufo.....	68, 120
Æsculus.....	107	Bulimulus.....	53, 58, 61, 62
Agelaieus.....	97	Bunocephalus.....	132
Aglaja.....	55		
Agrotis.....	202	Callichthys.....	135
Ahætulla.....	65	Calocampa.....	210
Ailanthus.....	160	Camptosorus.....	155
Ambrosia.....	215	Canis.....	18, 147
Amiva.....	68	Caracolus.....	58
Amœba.....	13, 14, 75, 77, 87, 142, 167, 168	Caradina.....	200
Amphibulima.....	42, 62	Carmelita.....	58
Anaptomorphus.....	116	Carpinus.....	80
Anchitherium.....	116	Catharia.....	79, 156
Anisorhyncus.....	28	Cathartes.....	151
Anodonta.....	25, 29	Centrotelma.....	121
Anolis.....	67	Chætogaster.....	75
Anthinus.....	58	Chamæleopsis.....	68
Anthracootherium.....	116	Cheirotherium.....	75
Antilocapra.....	149	Chelotriton.....	71
Antrostomus.....	105	Chemnitziana.....	58
Apamea.....	205	Chilotus.....	190
Apis.....	103	Cionodon.....	12
Arcella.....	13, 14, 75	Cirrobasis.....	31
Ariolimax.....	33, 59, 63	Clathrulina.....	145, 166
Arion.....	35	Cleome.....	154
Arionta.....	55	Coccyzus.....	108
Arvicola.....	187	Cochlostyla.....	59, 62
Asplenium.....	155	Colaptes.....	104, 109
Ateles.....	94	Colostethus.....	131
Atelopus.....	130	Corvus.....	101
Auchenia.....	18	Corycia.....	78, 227
Azara.....	25	Coryda.....	55
		Corydoras.....	135

Cosoryx .....	147, 148	Glæa .....	210
Cothornia .....	140	Glandina .....	49
Ctenodus .....	91	Glyptostoma .....	55
Cuicus .....	84	Gnathophysa .....	128
Cuniculus .....	193, 195	Goniognatha .....	55
Curvimacula .....	210	Gonospira .....	47, 62
Cyanospiza .....	97	Gonostoma .....	55
Cyclocheila .....	32	Gortyna .....	200, 206
Cyclorhamphus .....	125	Gromia .....	88
Cylindrella .....	55		
Cyphoderia .....	225, 227	Habronema .....	140
Cystignathus .....	124, 128	Habrothrix .....	177
Cysticopsis .....	56	Hadena .....	203
		Hadrosaurus .....	12, 90, 225
Deinamceba .....	155	Haplothærus .....	83
Dendrobates .....	68, 71, 129	Heliothis .....	211
Dendrosoma .....	140	Helix .....	39, 49, 60, 62, 118, 162
Dentellaria .....	57	Helminthophaga .....	220
Dianthœcia .....	199, 201	Helotropha .....	200
Dicopis .....	198	Hemisinus .....	25, 32, 82, 83
Didymoprium .....	155	Hemitrochus .....	56
Diffugia .....	13, 75, 78, 155, 187, 227	Hemphillia .....	39, 60
Dipsas .....	65	Hesperomys .....	150, 176
Docidium .....	15	Himella .....	200
Dorcasia .....	55	Hippotherium .....	147
Dresseina .....	29	Holocheilus .....	176
Dryocampa .....	160	Homopyralis .....	213
Dryptus .....	59	Hoplosternum .....	135
Dysichthys .....	133	Hyænodon .....	116
		Hydra .....	10
Ebora .....	32	Hydrœcia .....	205
Echinorhynchus .....	76	Hyla .....	69, 121
Elaps .....	65, 67	Hylodes .....	126
Elephas .....	18, 19, 221	Hyopsodus .....	116
Elotharium .....	116	Hypoptoporna .....	135
Eobasileus .....	90	Hypsiboas .....	69, 121
Erepta .....	57	Hyrachyus .....	116
Erinna .....	54, 61	Hyracotherium .....	116
Eudryas .....	198	Hyria .....	29
Euglypha .....	13, 225		
Euneomys .....	185	Icterus .....	99
Euparypha .....	55	Inoceramus .....	224
Euphorbia .....	146	Ipimorpha .....	201
Eurycratera .....	57	Isæa .....	82
Eurytus .....	59	Ischyrosaurus .....	75, 225
Eutænia .....	116	Ischyrotherium .....	75
Eutolype .....	198		
Evotomys .....	186	Kinosternum .....	68
Exarnes .....	205		
		Lælaps .....	91
Fagus .....	80, 101	Lagynis .....	13
Felis .....	18	Ledereria .....	205
Fiber .....	13, 196	Lepidosiren .....	89
Filaria .....	140	Leptodira .....	65
Fruticicola .....	55	Leptognathus .....	65, 67
		Leptoloma .....	58
Gentiana .....	160	Lepus .....	151
Geothlypis .....	96	Leucochoa .....	55
Gerrhosteus .....	71	Limax .....	36

Liochila .....	56, 57	Onychomys .....	182
Liosoma .....	31	Ophibolus .....	64
Liposarcus .....	135	Ophiognomon .....	70
Liris .....	82	Oriolus .....	84
Lithotis .....	54, 61	Orphnus .....	59
Lithodytes .....	127	Orthodes .....	201
Liuperus .....	124	Oryzomys .....	174, 183
Lophiodon .....	116	Osteocephalus .....	122
Loricaria .....	135	Ostomya .....	30
Luceria .....	205	Ouramceba .....	77
Luperina .....	205	Oxybelis .....	65
Lygodium .....	9	Oxymicterus .....	176
		Oyrrhopus .....	71
Macacus .....	94		
Maclura .....	108	Pachydon .....	25, 27, 82, 83
Macrocyclis .....	42, 61	Pachyotus .....	58
Macrodontes .....	58	Pachytoma .....	31
Mamestra .....	199	Palæolagus .....	151
Martes .....	147	Palæosyops .....	116
Masticophis .....	65	Palæotherium .....	116
Mastodon .....	19, 221	Pamphagus .....	78
Megacerops .....	165	Panolax .....	151
Megadactylus .....	91	Panopoda .....	213
Melanerpes .....	109	Parmelia .....	107
Melania .....	82	Passiflora .....	9
Melaporphyria .....	203	Patula .....	41, 55, 61
Melospiza .....	97	Pectinatella .....	139
Menodus .....	224	Pelecychilus .....	58
Merychys .....	147	Pelomyxa .....	87, 142
Mesodon .....	55, 118, 162	Pellicula .....	42
Mesonyx .....	116	Peltosaurus .....	116
Microphysa .....	55	Phalæna .....	208
Miobasilæus .....	166	Phalænophana .....	214
Molothrus .....	96	Phleum .....	99
Mugil .....	66	Phurys .....	212
Mus .....	173	Phyllomedusa .....	120
Myiarchus .....	104	Pilea .....	159
Myodes .....	192, 194	Pithecopus .....	121
Myonomes .....	189	Pitymys .....	191
Mytiloides .....	29	Plagiophrys .....	78, 227
Mytilopsis .....	25, 83	Plagioptycha .....	56
		Planorbis .....	30
Nais .....	75	Plecostomus .....	137
Nanina .....	47	Plectomantis .....	127, 128
Navicula .....	144	Pleonectyptera .....	213
Nebela .....	156	Pleurodema .....	124
Neotoma .....	174	Pleurodonta .....	58
Nepenthes .....	144	Pleurogyne .....	160
Nephelodes .....	206	Pleurotænium .....	15
Neritina .....	25	Pliocercus .....	64
Nototrema .....	124	Plusia .....	207
Nuculana .....	25, 30	Poa .....	100
		Podomys .....	190
Ochetodon .....	184	Polydontes .....	57
Œdipus .....	120	Polygonum .....	154
Ogygia .....	205	Polygyra .....	55
Oligia .....	203	Polygyrella .....	55
Ologyra .....	118	Polymita .....	56, 57
Omalonyx .....	42	Polygonax .....	12

Pomatia .....	55	Storeria .....	116
Precationis .....	207	Strophia .....	53, 62
Pristina .....	75	Stylemys .....	224
Procamelus .....	147	Stylodon .....	57
Propus .....	70	Sturnella .....	98
Protistius .....	66	Succinea .....	42, 54
Protohippus .....	147	Swertia .....	160
Psammomys .....	191	Symborodon .....	89, 166, 224
Pseudaglossa .....	213	Synaptomys .....	192
Pseudolimacodes .....	212		
Pseudorthosia .....	207	Tachea .....	55
Pupa .....	52	Taniocampa .....	201
Pyrrhia .....	211	Tamila .....	212
		Tebennophorus .....	79
Quamoclit .....	154	Teleuraspis .....	67
Quercus .....	101, 107, 221	Thelidomus .....	56
		Thespesius .....	74, 225
Rafflesiana .....	144	Titanotherium .....	89, 165, 223, 224
Ranula .....	131	Tolyte .....	198
Raphidiophrys .....	167	Toxosoma .....	31
Reithrodon .....	184	Trichina .....	139
Rhinodoras .....	134	Trichomycterus .....	66, 132
Rotifer .....	88	Trimorphodon .....	65
		Trinema .....	13, 225, 227
Sagda .....	54	Triodopsis .....	55
Salmo .....	141	Triquetra .....	25, 29
Sayornis .....	104	Triticum .....	81, 153, 163
Scaphiopus .....	125	Trochilus .....	106
Schroteriana .....	58	Tropidonotus .....	97
Schizæa .....	9	Turdus .....	104
Sciurus .....	76	Tyrannus .....	103
Scopelosoma .....	209		
Scytotis .....	123	Urocentrum .....	143
Sideridis .....	205	Urtica .....	159
Sigmodon .....	174, 175		
Simpulopsis .....	43	Vallonia .....	55
Smilacina .....	115	Verbascum .....	107
Solanum .....	158	Vesperimus .....	174, 178
Sphærodactylus .....	68	Vireo .....	96
Spilotes .....	64	Vitrirea .....	54
Spirogyra .....	87		
Spongilla .....	145	Wistaria .....	84
Staphylea .....	84		
Steneofiber .....	222	Xanthia .....	200, 210
Stenodactylus .....	68		
Stenotrema .....	55	Zathorax .....	133
Stentor .....	75	Zonites .....	39, 42, 60

## GENERAL INDEX.

- Additions to the Library, 242.  
 Amendments of By-Laws, 161.
- Bachman, Dr. J., Announcement of death of, 21.  
 Beaumont, E. De, Announcement of death of, 160.  
 Binney, W. G., On the Anatomy of Ariolimnax and other Pulmonata, 22, 33.
- Chapman, H. C., On the Muscles of the Hind Leg of *Fiber Zibethicus*, 13; On *Echinorhynchus Moniliformis*, 76; On the Generative Apparatus of the *Tebenophorus Carolinensis*, 79; Anatomical notes, 94.  
 Committees for 1874, 16.
- Conrad, S. A., Remarks on the Tertiary Clay of the Upper Amazon, with descriptions of new Shells, 17, 25; Description of two new fossil Shells of the Upper Amazon, 82.
- Cope, E. D., On the extinct Fauna of Colorado, 10; On the age of the Lignites of the West, 12; On variations in structure of horns of Deer of the genus *Gariacus*, 24; On the *Ziphius* of Nantucket, 24; Description of some species of Reptiles obtained by Dr. John F. Bransford, while attached to the Nicaraguan Surveying Expedition in 1873, 64; On a young *Balæna Cisarctica* and on the extinct Mammalia of Colorado, 89; On the genus *Ctenodus*, 91; On some Batrachia and Nematognathi brought from the upper Amazon, by Prof. Orton, 116, 120; On viviparous Snakes, 116; On the palæontology of Colorado, 116; Notes on Santa Fé Marls and some of the contained Vertebrate Fossils, 142, 147; Extract of letter from, 163; On a new Mastodon and Rodent, 221; On the characters of *Symborodon*, 224.
- Correspondence, 238.
- Coues, Dr. E., Synopsis of the Muriæ of North America, 161, 173.
- Durand, E., Presentation of portrait of, 84.
- Elections during 1874, 236.
- Frazer, P., Jr., On the value of Palæontology, 11; On Pilot Knob, Iron Mountain, and Mine La Motte, 85; On the chemical formulas of Minerals, 92, 110; On a coal-cutting Machine, 117; On the Geology of certain lands in Ritchie and Tyler Cos., W. Va., 168; Weathering of Rocks, 228.
- Gentry, T. G., On the habits of some American species of Birds and other things Ornithological, 76, 96; On Fertilization of certain Flowers through Insect agency, 115.
- Goldsmith, E., The Blue Gravel of California, 73; Analysis of Graphite from Wythe County, Va., 77.
- Greer, Col. Jas., Announcement of death of, 16.
- Grote, A. R., On new species of *Noc-tuidæ*, 163, 197.
- Halsey, Wm. S., Announcement of death of, 23.
- Hawkins, B. W., On the Pelvis of *Hadrosaurus*, 90.
- Herrick, H., Description of a new species of *Helminthophaga*, 220.
- Hunt, J. G., On the structure of *Schizæa*, 9; On Glands of *Nepen-*

- thes, 144; Crystallization in Plants, 151; Report on Wheat and Chess, 163.
- Index to Genera, 261.
- Le Conte, J. L., On the age of the Lignite Beds of the Missouri River, 11.
- Leeds, Prof., On a Fulgurite, 145; On elevation of temperature in a Lead Mine, 145.
- Leidy, Jos., Remarks on Hydra, 10; Remarks on Protozoa, 13; On the mode of growth of Desmids, 15; On Actinophrys sol, 23; Criticism of paper of Mr. Cope, 74; Note on the Enemies of Diffugia, 75; Remarks on a supposed compound derived from Leather, 75; Notice of some new Fresh-water Rhizopods, 77; Notice of some fresh-water and terrestrial Rhizopods, 86; Remarks on Revivification of Rotifer vulgaris, 88; On Pectinarella magna, 139; On a parasitic worm of the House-fly, 139; Notice of some fresh-water Infusoria, 140; Notice of a remarkable Amœba, 142; On the mode in which Amœba swallows its food, 143; On the motive power of Diatoms, 143; Remarks on Sponges, 144; Notice of some Rhizopods, 155; Note on Dryocampa, 160; Notice of Remains of Titanotherium, 165; Notices of Rhizopods, 166; On supposed Spermaries in Amœba, 168; On Specific Gravity, 218; Remarks on Fossils presented, 223; Notices of Rhizopods, 225.
- Lewis, J., Description of a new species of Helix, 116, 118; On a new variety of Helix, 142, 162.
- Macomber, N. E., Resignation as member, 116.
- Meehan, Thos., Dimorphous Flowers in Passiflora, 9; Elevation of the trunks of trees, 22; The veins of Beech and Hornbeam Leaves, 80; Direct Growth Force, 80; Habits of the Orchard Oriole, 84; Poisonous character of the flowers of Wistaria Sinensis, 84; Growth of the Cuicis arvensis, Hoff., 84; Change of habit in Smilacina bifolia, 115; Dimorphism in the leaves of Acer Pennsylvanicum, 138; Change of Habit through Fungoid Agency, 146; Wheat and Chess, 153; Variations in Solanum Fendleri, A. G., 158; Abies concolor in Colorado, 159; Fertilization of Gentiana, 160; Variations in leaves of Ailanthus glandulosa, 160; Antlers of Ambrosia artemisiæfolia, 215; Dimorphism in Apples, 215; Coloring of autumn leaves, 218; Continuous growth in Fungoid Excrescences, 221.
- Nolan, E. J., Remarks on death of Dr. Slack, 140.
- Officers for 1875, 235.
- Procter, Wm., Announcement of death of, 15.
- Redfield, J. H., New growth of Plants, 154; On Asplenium ebennoides, 155.
- Reed, A. G., Blindness of Salmon, 216.
- Report of Librarian, 228.
- Report of the Curators, 230.
- Report of Recorder of Biological and Microscopical Section, 233.
- Report of Conservator of Conchological Section, 234.
- Slack, J. H., Announcement of death of, 140.
- Sparks, T., Announcement of death of, 159.
- Willcox, J., Mountain Drainage of Tennessee and North Carolina, Ancient Burial Customs, 164.
- Wyman, Dr. J., Announcement of death of, 143.
- Yates, L. G., On Mammalian Fossils in California, 18.